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Notice of Allowability

Application No.

10/050,158

Applicant(s)

KIM, JONG-PHIL

Examiner

Dennis G. Bonshock

Art Unit

2173

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed on 10-29-2007.
2. ☒ The allowed claim(s) is/are 21-38.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date 8-27-07 | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

REASONS FOR ALLOWANCE

1. The following is an examiner's statement of reasons for allowance:
2. The examiner considered the Applicant's Amendment filed on 10-29-2007 and after updated search, no other prior art of record has taught that which was presented in the amended claims.
3. Therefore, claims 21-38 are allowable.
4. Independent claims 21, 29, and 32, when considered as a whole, are allowable over the prior art of record (Pond et al., Patent #5,886,690, hereinafter Pond, Bergstedt, Patent #6,750,886, and Schilit et al., Patent #5,627,980, hereinafter Schilit).
5. Pond teaches, in column 5, lines 22-40, column 6, lines 3-10, in column 7, lines 21-28, and figures 2 and 5, a control unit for inputting commands to display a sub-list having a predetermined number of channels (files) with associated programs (files), from the set of all channels (files), the sub-list created from downloading, to memory storage hardware, a list of available channels (number for files) and associated programs (files) from an appropriate source; in column 3, lines 50-58 and figure 1, the use of a display unit to show the lists; in column 5, lines 22-40, a creating of the pages from the list of all channels, with all corresponding programs, and the ability to navigate through the different pages, each comprising a different set of elements.

Pond is supplemented by Bergstedt who further teaches an electronic program guide using paging functions to move one page of items at a time through a list (see column 1, lines 18-49), similar to that of Pond, but further teaches an embodiment where the paged content is a list of files (see column 1, lines 18-36). Furthermore,

Bergstedt teaches paging of items in both an electronic program guide, as in Pond, and also in a group of files (see column 1, lines 18-24 and lines 36-46).

Pond and Bergstedt are further supplemented by Schilit who further teaches, a system for traversing a large list of files by viewing them in groups (see column 2, lines 5-32), similar to that of Pond and Bergstedt, but further teaches dividing the ordered set into multiple ordered subsets and designating one member of each subset as designated "bracket member" (representative member), and displaying the plurality of bracket members to the user for further traversal (see column 2, lines 10-32, column 1, lines 16-50, and figures 1 and 2).

6. However, specifically the prior art of record fails to clearly teach or support the limitations of grouping of files from a successive list, and selecting one file from each said grouping to form a sub-list, which can be traversed to other sublists either through [a] : changing a predetermined one of the currently displayed files with an adjacent preceding or succeeding file, leaving the rest alone (as is the case in claims 21 and 29); or [b]: displaying a next sub-list or previous sub-list, when a display command is detected (as is the case in claim 32).

7. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dennis G. Bonshock whose telephone number is (571) 272-4047. The examiner can normally be reached on Monday - Friday, 6:30 a.m. - 4:00 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cabeca can be reached on (571) 272-4048. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

12-11-07
dgb

/Kieu D. Vu/
Kieu D. Vu
Primary Examiner